Table S5. Abundance percentage (AP) and species richness in cores from first-year ice (FYI) and multiyear ice (MYI), as well as both (All).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | AP FYI | AP MYI | Richness FYI | Richness MYI |
| Bottom 10 cm | 2.01 \*\*\* | -2.56 \* | 2.75 \*\*\* | 2.52 \*\*\* |
|  | (0.43)  | (1.04)  | (0.07)  | (0.14)  |
| Bottom >10 cm | -1.68 \*  | 0.77  | -1.15 \*\*\* | -0.87 \*\*\* |
|  | (0.73)  | (1.17)  | (0.20)  | (0.19)  |
| Mid | -5.06 \*\*\* | 1.76  | -0.68 \*\*\* | -0.07  |
|  | (1.11)  | (1.09)  | (0.15)  | (0.17)  |
| Top | -4.47 \*\*\* | 1.87  | -0.53 \*\*\* | -0.23  |
|  | (0.64)  | (1.09)  | (0.10)  | (0.17)  |
| N | 148  | 126  | 148  | 126  |
| N (id) |  63  |  42  |   |   |
| AIC | 106.31  | 145.61  | 963.04  | 793.03  |
| BIC | 121.30  | 159.79  | 978.03  | 807.21  |
| R2 (fixed) | 0.59  | 0.11  | 0.28  | 0.25  |
| R2 (total) | 0.59  | 0.11  | 0.78  | 0.75  |
| N (prop) |   |   |  145  |  125  |
|  \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05. |